

1 (BSP July 12, 2000)

2 **Beam Guardrail Type WP Thrie Beam**

3 The Contractor shall field measure the depth of the existing ballast and  
4 wearing course at both wheel guard lines, and shall include the  
5 dimensions at both wheel guard lines in the steel post mounting  
6 bracket shop drawings submitted to the Engineer for approval in  
7 accordance with Section 8-11.3(1)E.

8  
9 The Contractor shall remove the existing ballast and wearing course to  
10 the top of existing timber deck in the vicinity of the steel post  
11 anchorage locations, and shall dispose of the removed surfacing  
12 materials in accordance with Section 2-02.3.

13  
14 When shown in the Plans, the Contractor shall place a timber block  
15 beneath the timber deck at each steel post anchorage location and  
16 against the existing exterior timber stringer.

17  
18 The Contractor shall install the steel post anchorage assembly,  
19 including the deck plate, distribution plate, bearing plate, base plate,  
20 backing plate, and TS steel tube post, as shown in the Plans. Timber  
21 deck shims shall be cut and trimmed as necessary to align the top of  
22 the vertical webs of the steel post anchorage 15 millimeters below the  
23 top of the surrounding wearing course surfacing, in accordance with  
24 the existing timber deck transverse slope and existing ballast and  
25 wearing course depth specified in the shop drawings as approved by  
26 the Engineer.

27  
28 The Contractor may field drill holes through the steel components in  
29 accordance with Section 6-03.3(27) except as otherwise noted. The  
30 Contractor shall identify all holes to be field drilled in the steel  
31 fabrication shop drawings submitted to the Engineer for approval. The  
32 Contractor may field drill the holes using hand held drills provided that  
33 the Contractor submits the method and equipment used to the  
34 Engineer for approval, and that the Contractor receives the Engineer's  
35 approval of the submittal prior to beginning hand drilling. The  
36 Contractor shall repair all galvanized steel surfaces damaged by field  
37 drilling operations by painting the damaged areas with one coat of  
38 paint conforming to Formula A-11-99 as specified in Section 9-08.2.

39  
40 The Contractor shall replace all existing ballast and wearing course  
41 removed in the vicinity of the steel post anchorage locations to the top  
42 of the surrounding surfacing. The Contractor shall fill the void with a  
43 surfacing material approved by the Engineer.